

03CO  
09/748,127 BOX SEQ

JUN 11 2001  
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: YAN et al

Serial No. 09/748,127

Filed: December 27, 2000

For: ISOLATED HUMAN DRUG-  
METABOLIZING PROTEINS, NUCLEIC ACID  
MOLECULES ENCODING HUMAN DRUG-  
METABOLIZING PROTEINS,  
AND USES THEREOF

Art Unit: N/A

Examiner: N/A

Atty. Docket: CL000685

**RESPONSE TO NOTICE OF INCOMPLETE REPLY (NONPROVISIONAL)  
SUBMISSION OF SUBSTITUTE SEQUENCE LISTING  
UNDER 37 C.F.R. § 1.821(a)**

Honorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

Sir:

In response to the Notice of Incomplete Reply mailed June 6, 2001, Applicants hereby submit a substitute Sequence Listing, including a paper copy of the substitute Sequence Listing and a computer readable copy of the substitute Sequence Listing, in order to comply with 37 C.F.R. § 1.821(a).

**In the Specification:**

Please replace the Sequence Listing submitted on May 8, 2001 with the substitute Sequence Listing submitted herewith (between the specification and the claims of the above-identified application).

### REMARKS

The substitute Sequence Listing submitted herewith replaces the Sequence Listing submitted on May 8, 2001. It has come to the attention of Applicant's agent that SEQ ID NO:3 in the Sequence Listing submitted on May 8, 2001 was a duplicate of SEQ ID NO:2 and that the genomic sequence provided in Figure 3, which was originally intended to be SEQ ID NO:3, was unintentionally excluded from the Sequence Listing. The substitute Sequence Listing submitted herewith contains the genomic sequence, from Figure 3 of the application as originally filed, for SEQ ID NO:3.

The substitute Sequence Listing submitted herewith also provides a more precise organism name for SEQ ID NO:4. The original Sequence Listing specified "rabbit" for SEQ ID NO:4 whereas the substitute Sequence Listing provides the genus and species of the rabbit, "*Oryctolagus cuniculus*".

In accordance with 37 C.F.R. § 1.821(f), the paper copy of the substitute Sequence Listing and the computer readable copy of the substitute Sequence Listing submitted herewith in the above application are the same.

In accordance with 37 C.F.R. § 1.821(g), this submission includes no new matter. The sequence information for SEQ ID NO:3, as corrected by the substitute Sequence Listing submitted herewith, was provided in Figure 3 of the application as originally filed. The genus and species of the rabbit specified for SEQ ID NO:4 could be readily determined from the Genbank accession number provided for the rabbit amino acid sequence in Figure 2 that corresponds to SEQ ID NO:4.

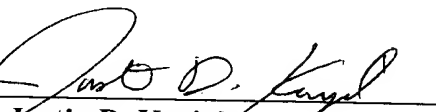
It is respectfully believed this application is now in condition for examination.

Early notice to this effect is earnestly solicited.

Respectfully submitted,

CELERA GENOMICS

By:



**Justin D. Karjala**

Reg. No. 43,704

Date: June 11, 2001

Celera Genomics Corporation  
45 West Gude Drive, C2-4#20  
Rockville, MD 20850  
Tel: 240-453-3067  
Fax: 240-453-3084